

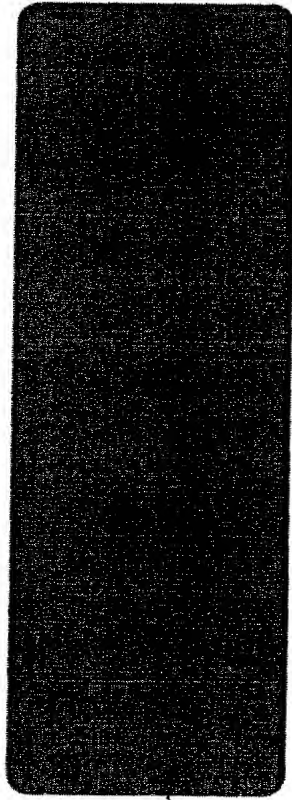
FIG. 1

100

201

110

108

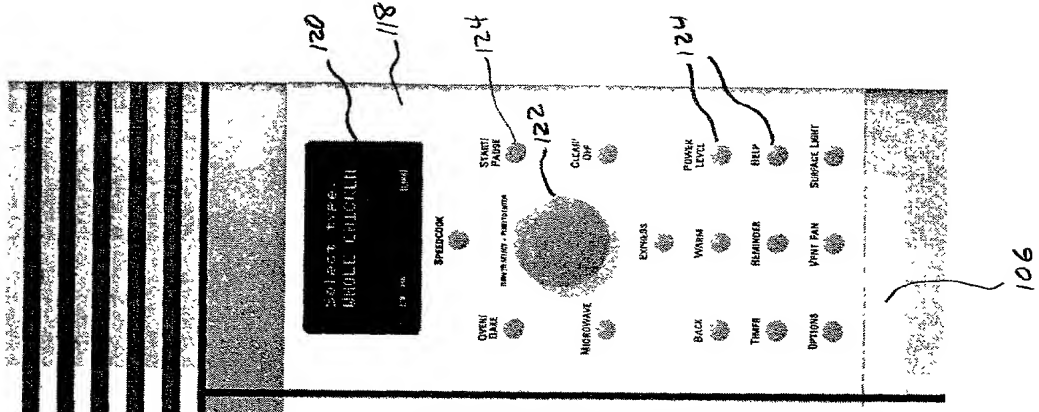


116

104

FIG. 1

212



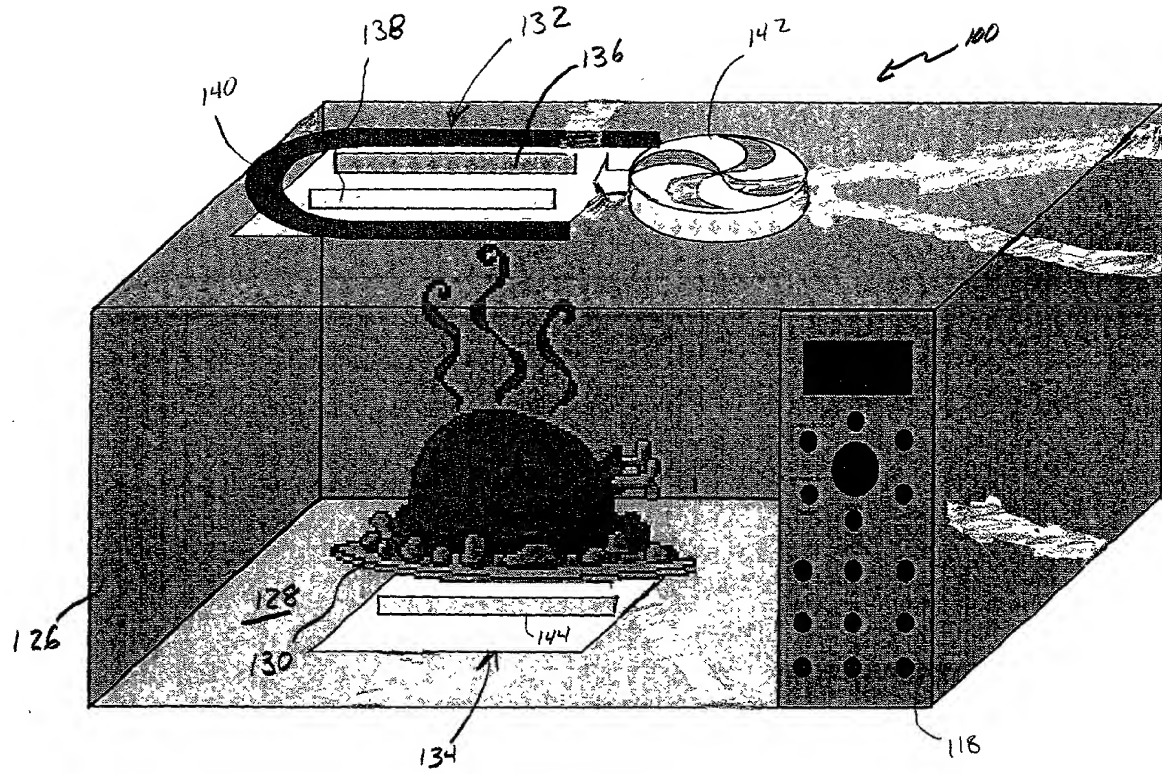


FIG. 2

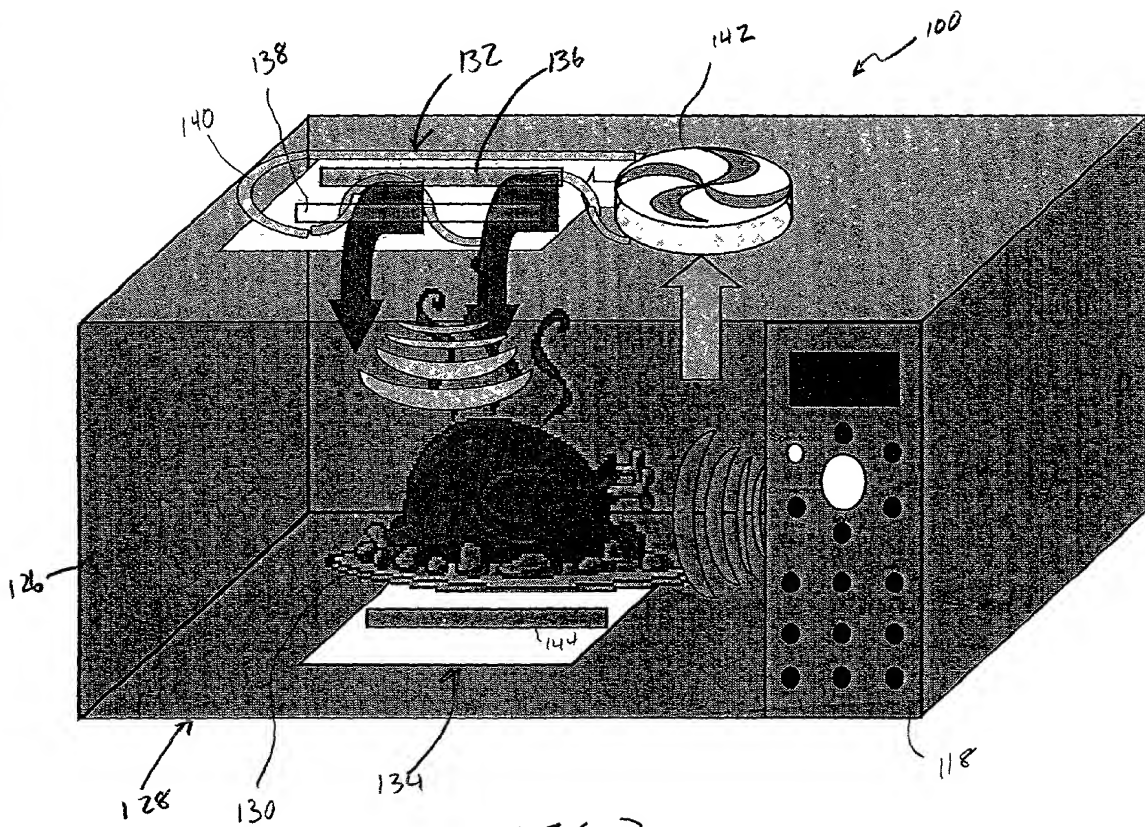


FIG. 3

09758641.011104

FIG. 5

FIG. 6

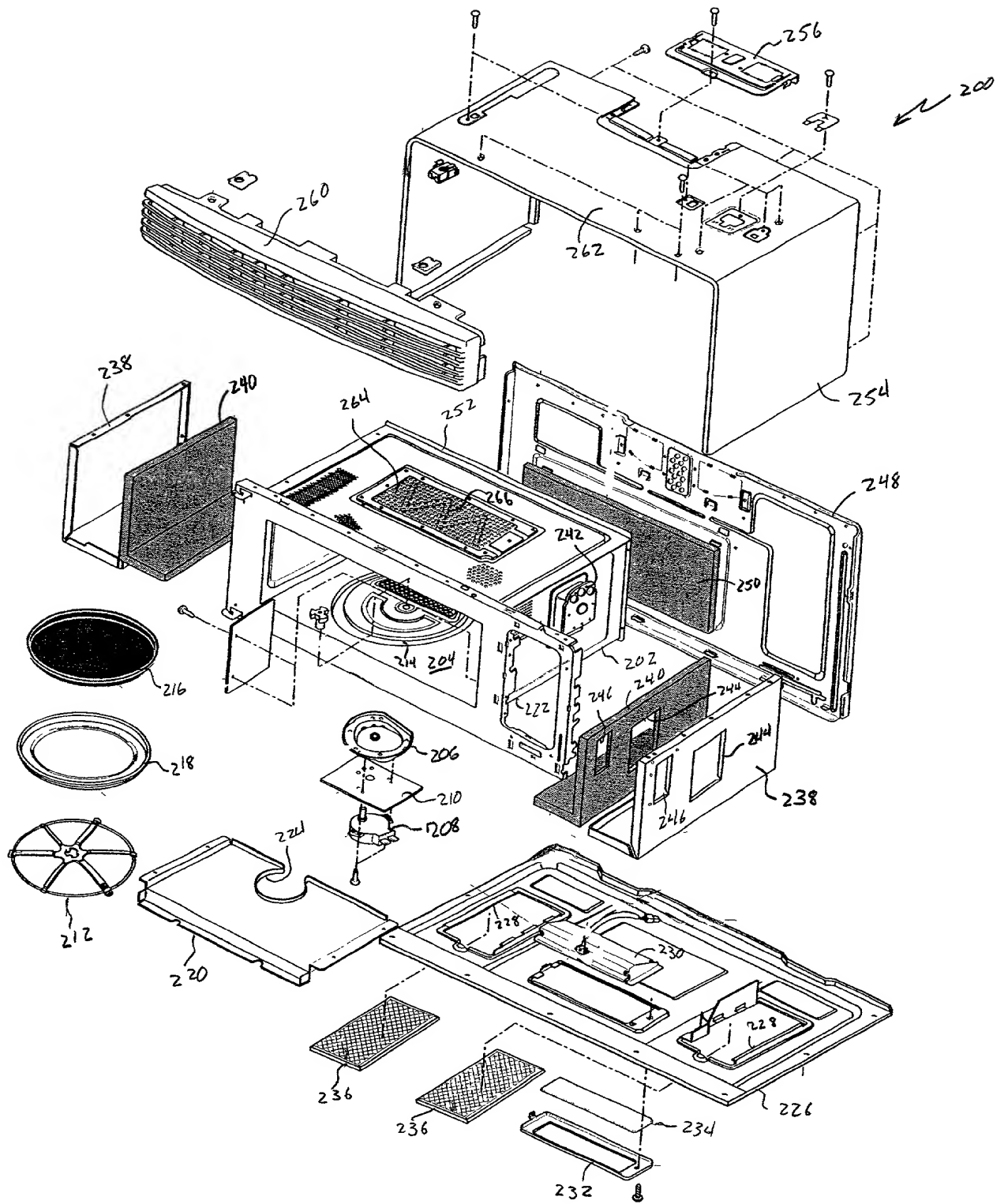


FIG. 6

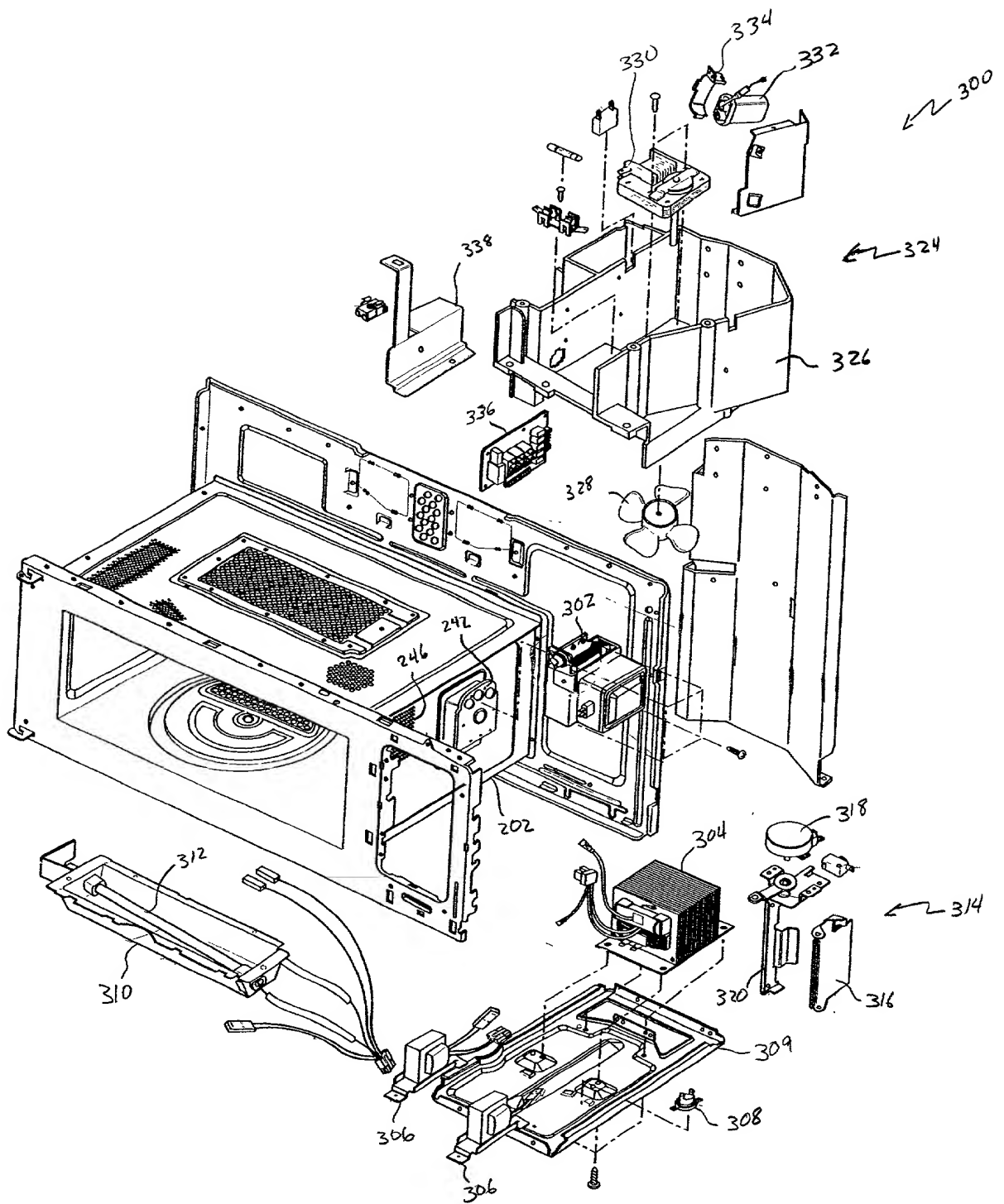


FIG. 7

This exploded perspective view illustrates the assembly of a microwave oven. The main components and their reference numerals are as follows:

- 300**: The microwave oven cabinet, shown in an exploded state with the door (202) and interior components (204) separated.
- 382**: A cylindrical component, likely a turntable motor or roller assembly.
- 386**: A bracket or support structure for the turntable assembly.
- 384**: A mounting plate or bracket for the turntable assembly.
- 380**: A small rectangular component, possibly a control panel or display.
- 378**: A large, flat rectangular panel, likely the microwave window or door liner.
- 376**: A small rectangular component, possibly a control panel or display.
- 390**: A control panel or display unit.
- 346**: A bracket or support structure for the control panel.
- 362**: A bracket or support structure for the control panel.
- 354**: A bracket or support structure for the control panel.
- 352**: A bracket or support structure for the control panel.
- 350**: A bracket or support structure for the control panel.
- 348**: A bracket or support structure for the control panel.
- 344**: A cable or wiring harness.
- 374**: A component of the door hinge assembly.
- 372**: A component of the door hinge assembly.
- 370**: A component of the door hinge assembly.
- 368**: A component of the door hinge assembly.
- 366**: A star-shaped fastener or screw.
- 342**: A large rectangular panel, likely the microwave window or door liner.
- 340**: A bracket or support structure for the door hinge assembly.
- 204**: The interior components of the microwave oven, including the turntable and heating elements.
- 202**: The microwave oven door.

FIG. 8

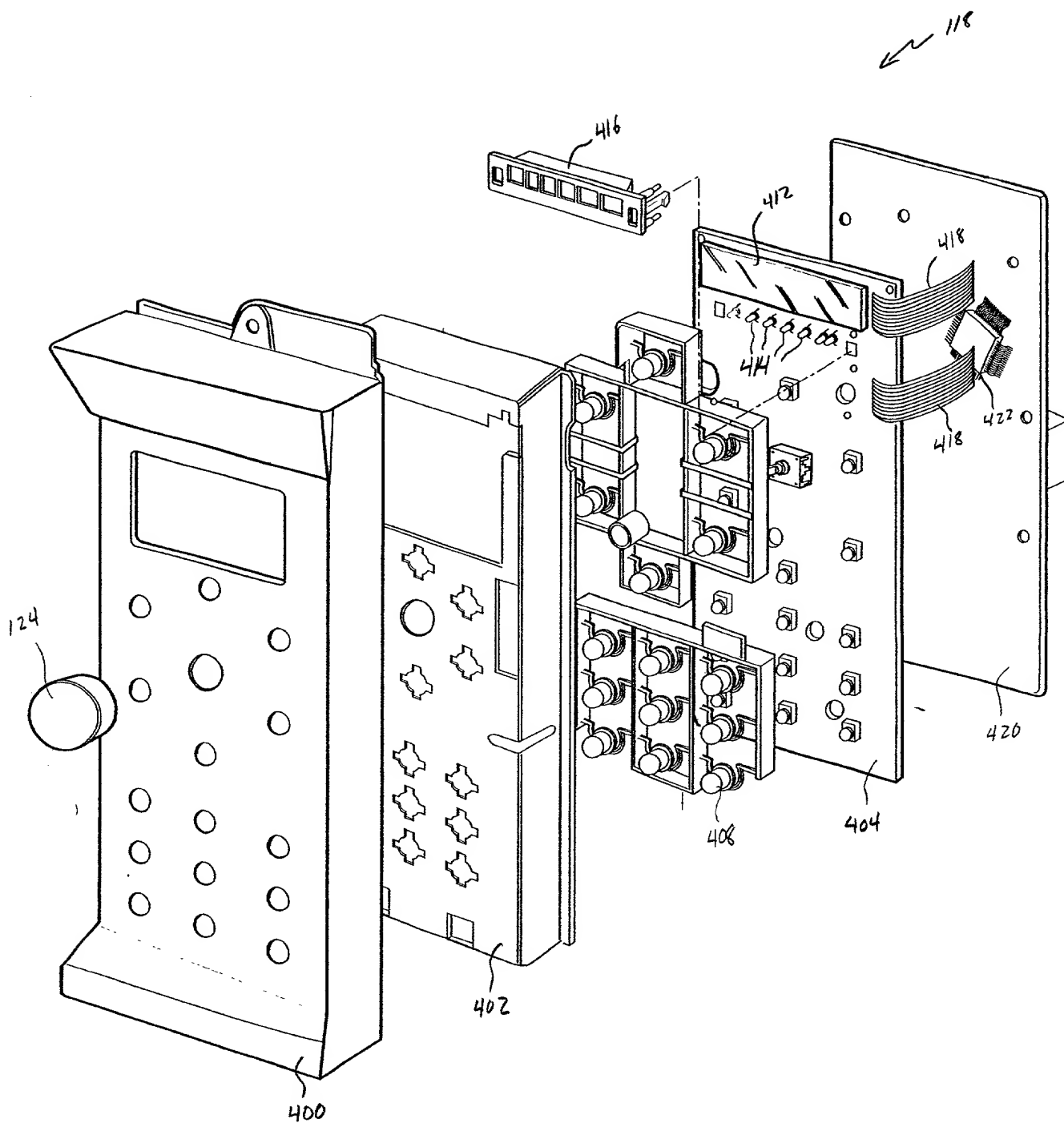


FIG. 9

US 2004/0111104 A1

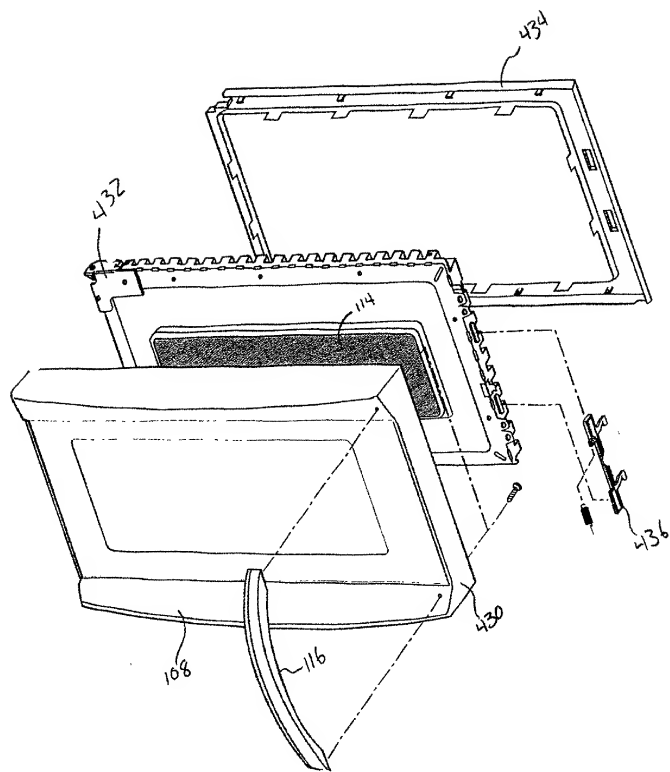


FIG. 10

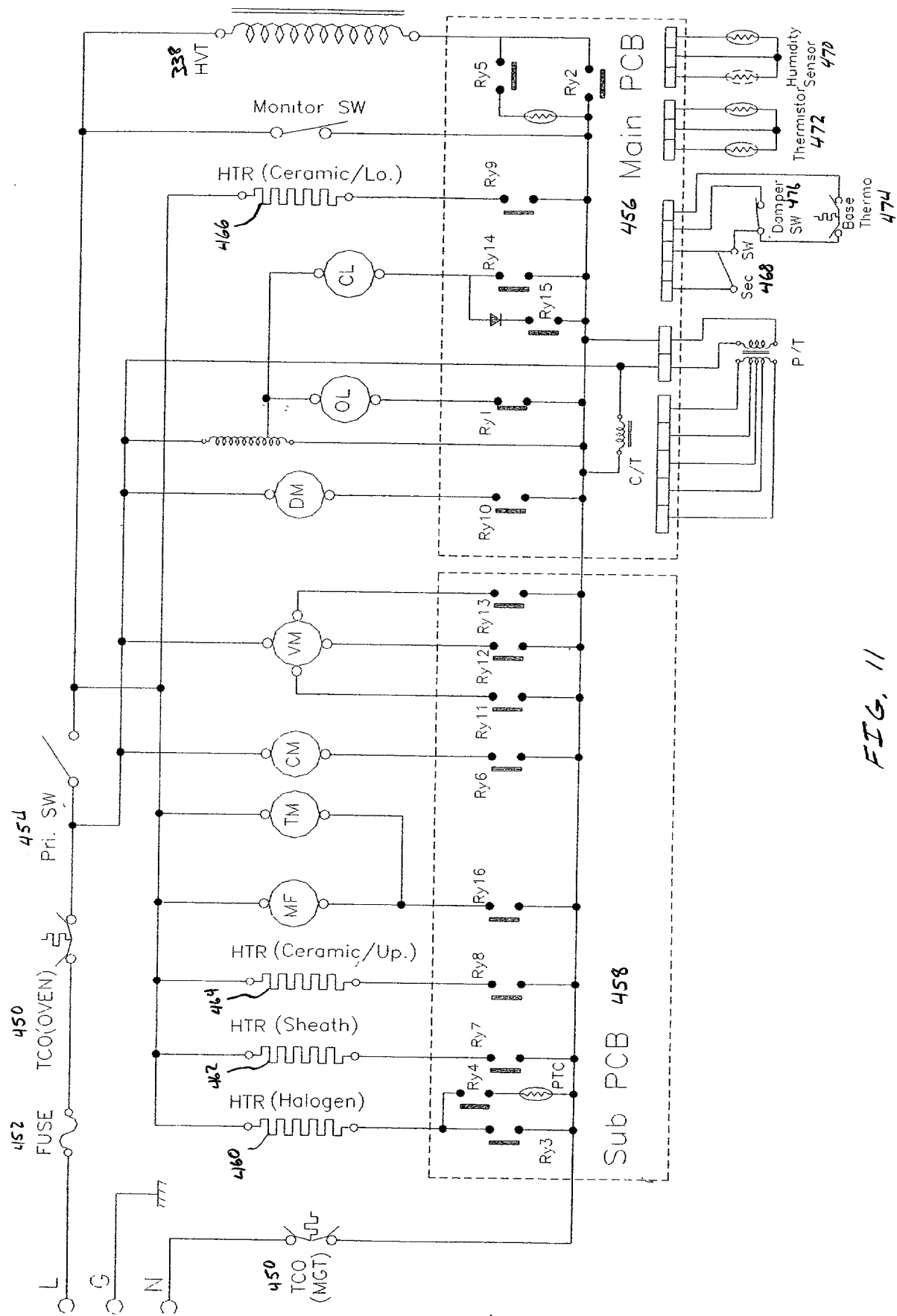


FIG. 11

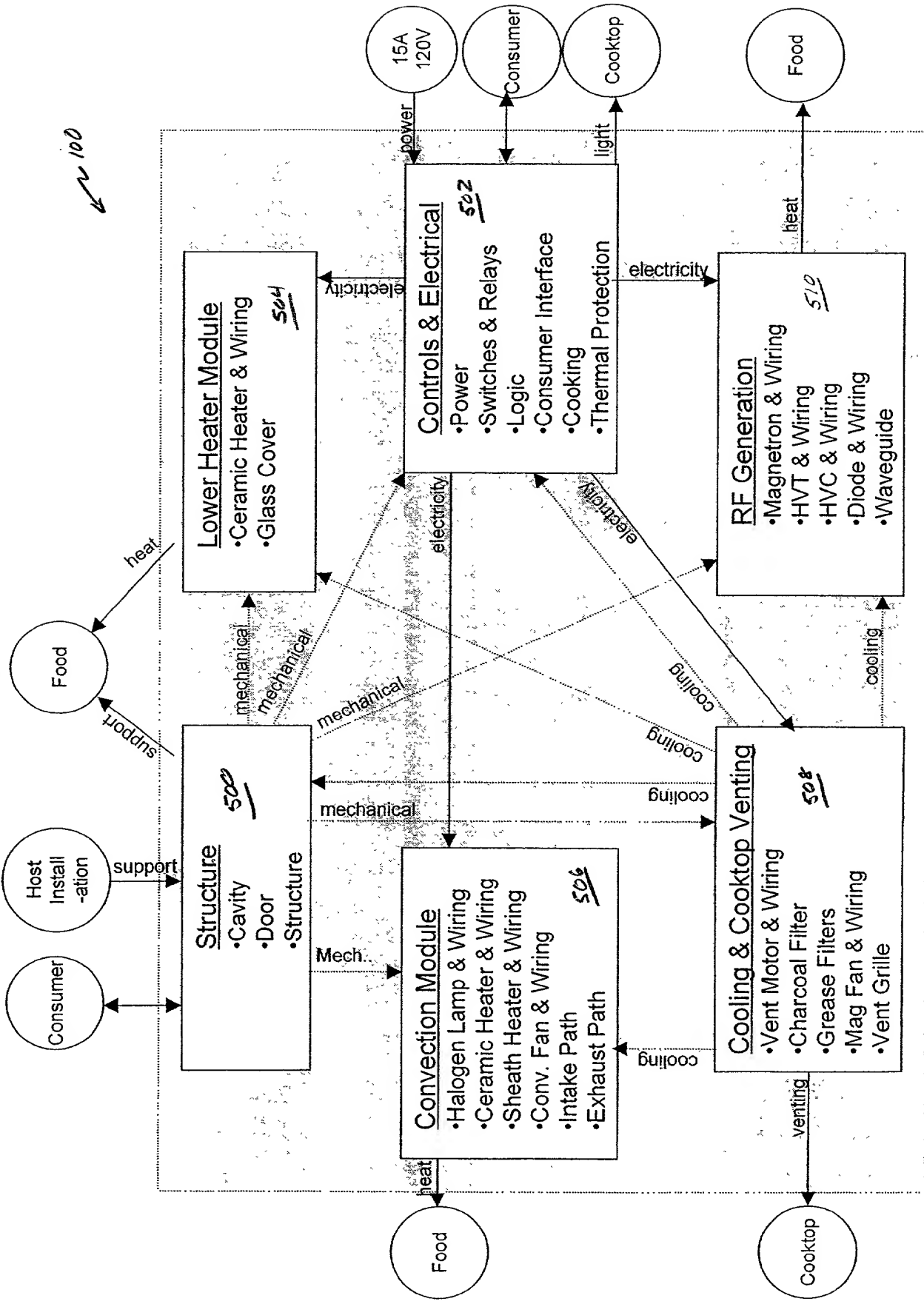


FIG. 12

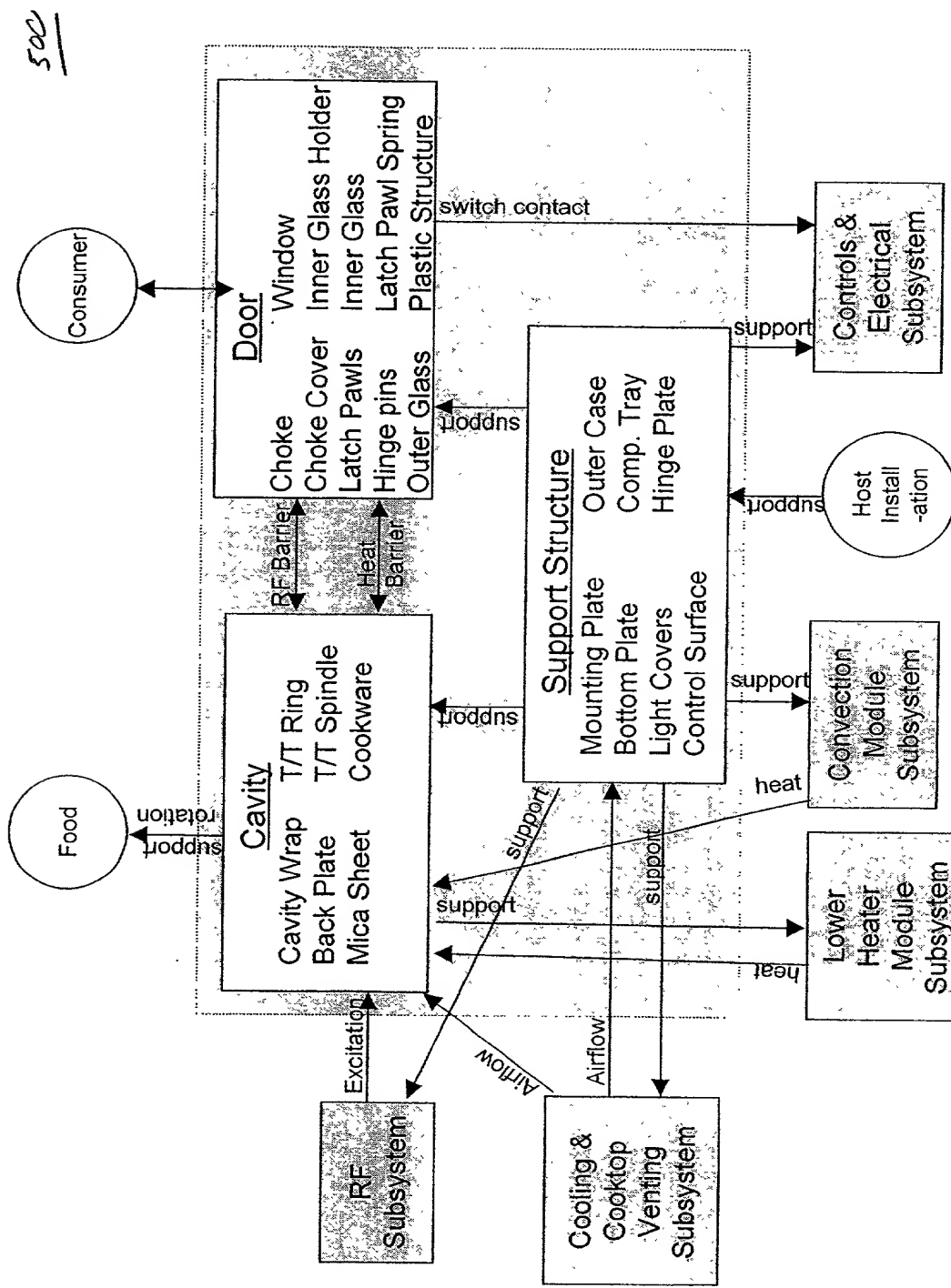


FIG. 13

502

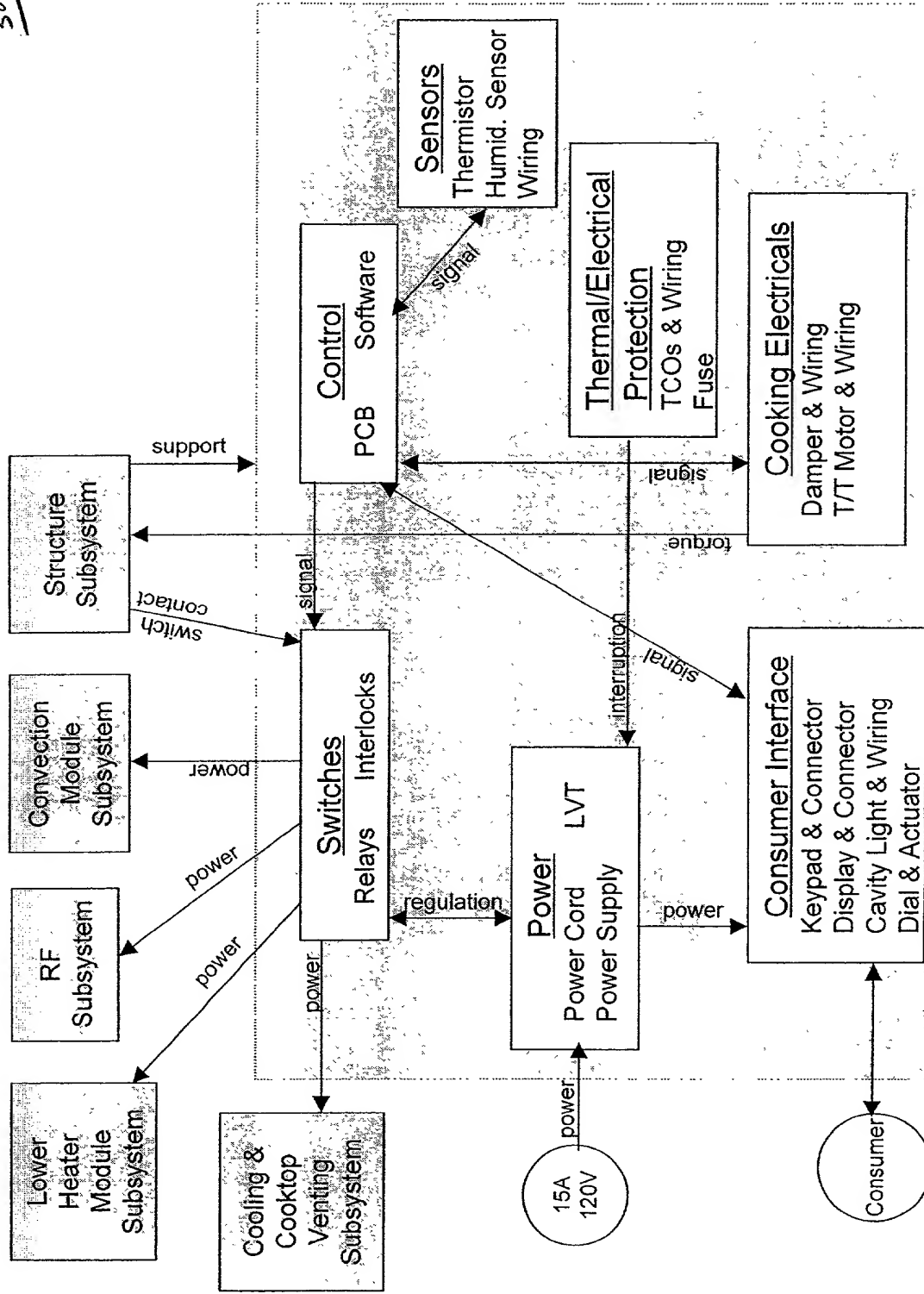
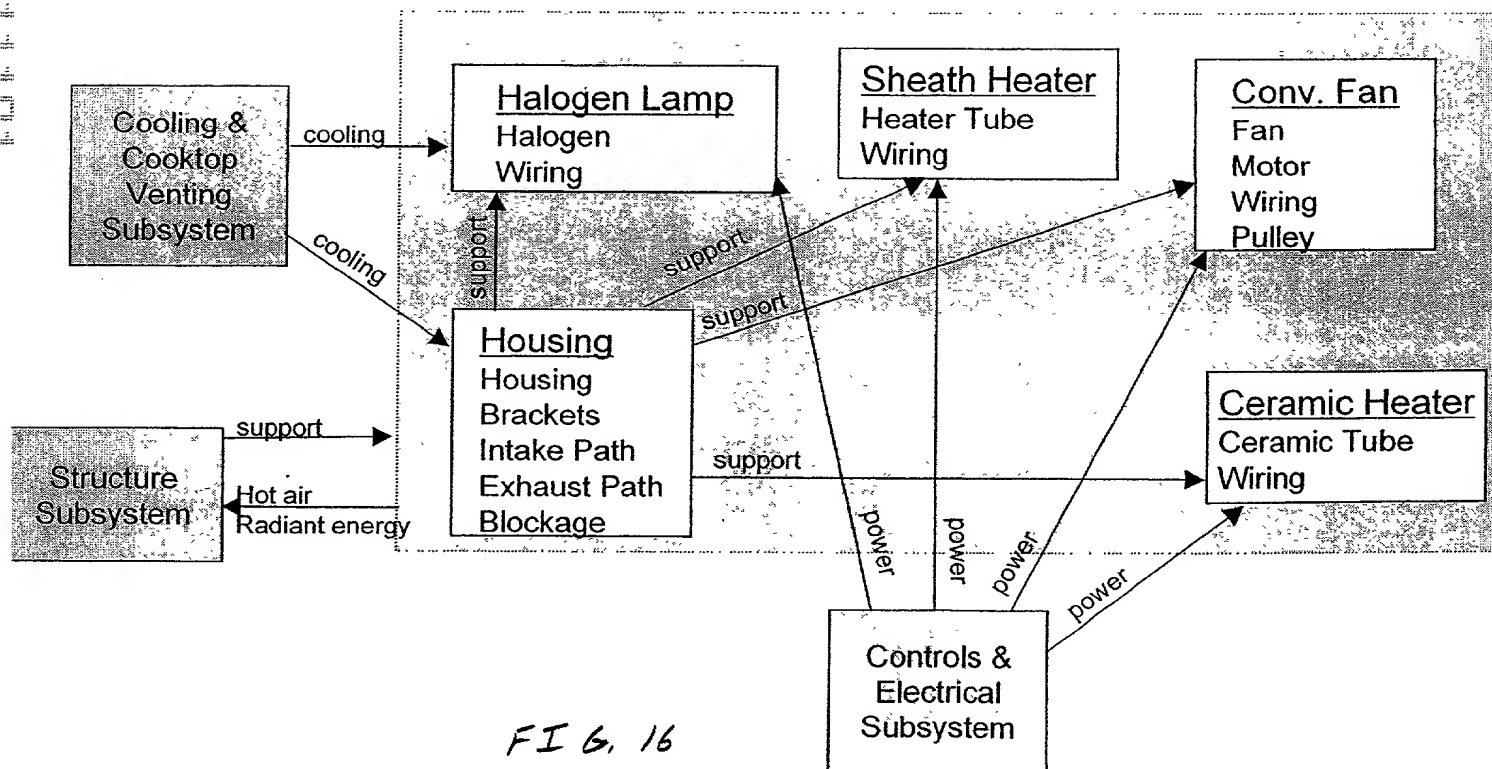
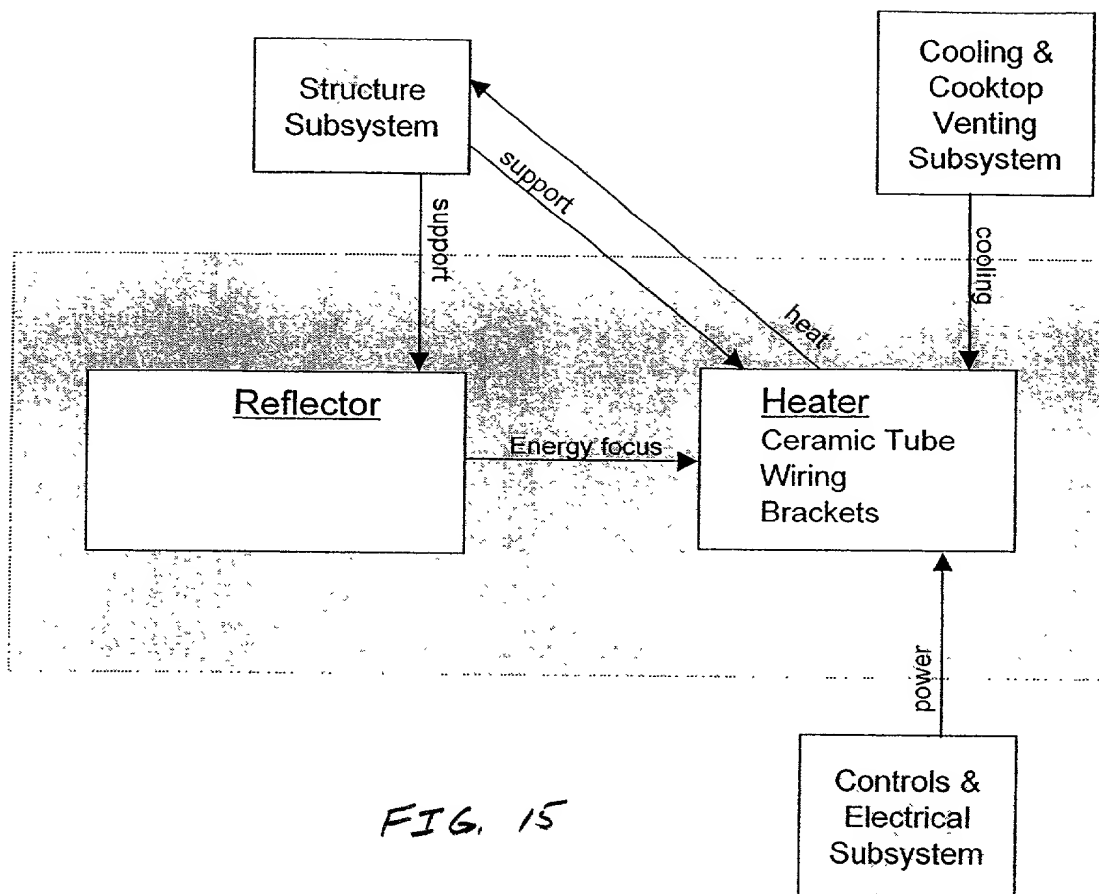


FIG. 14



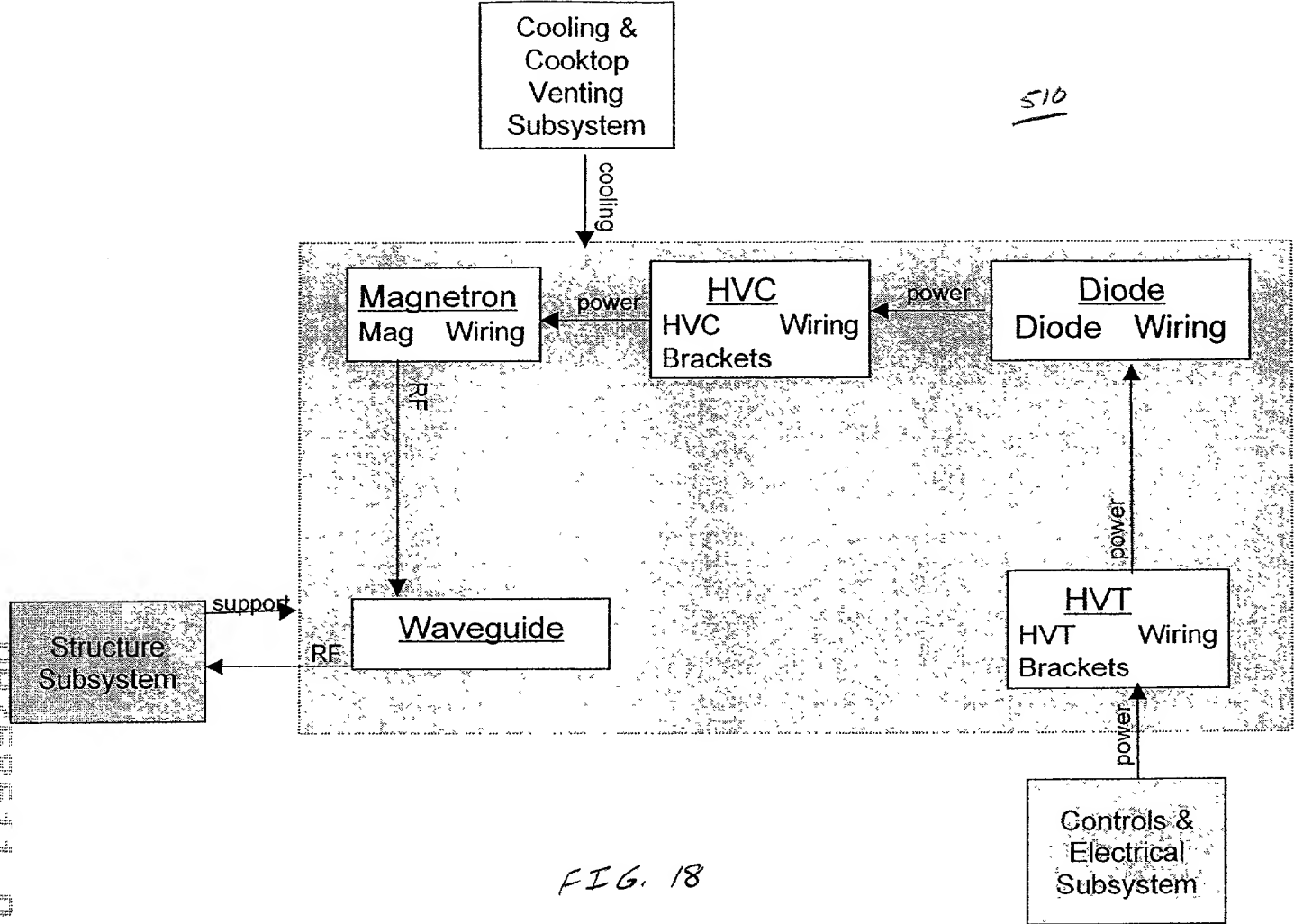


FIG. 18

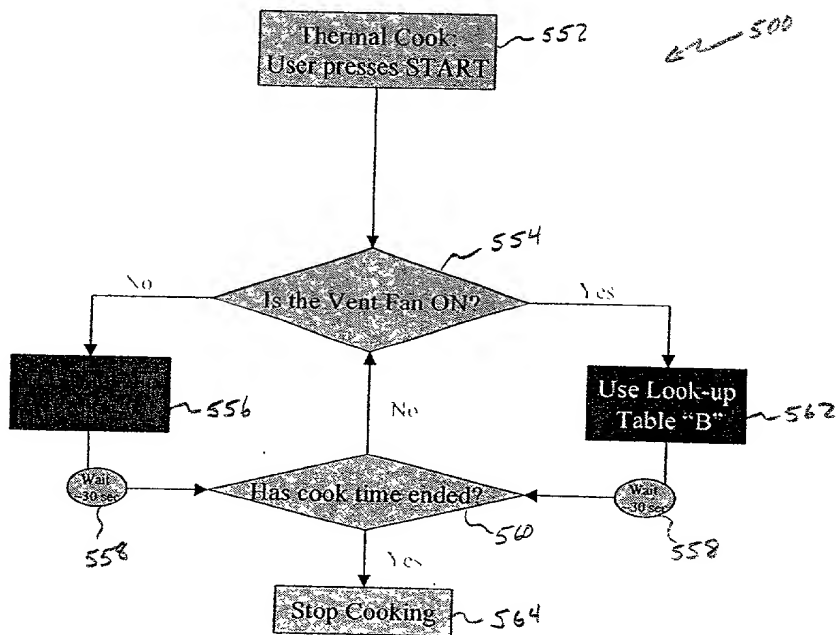


FIG. 19

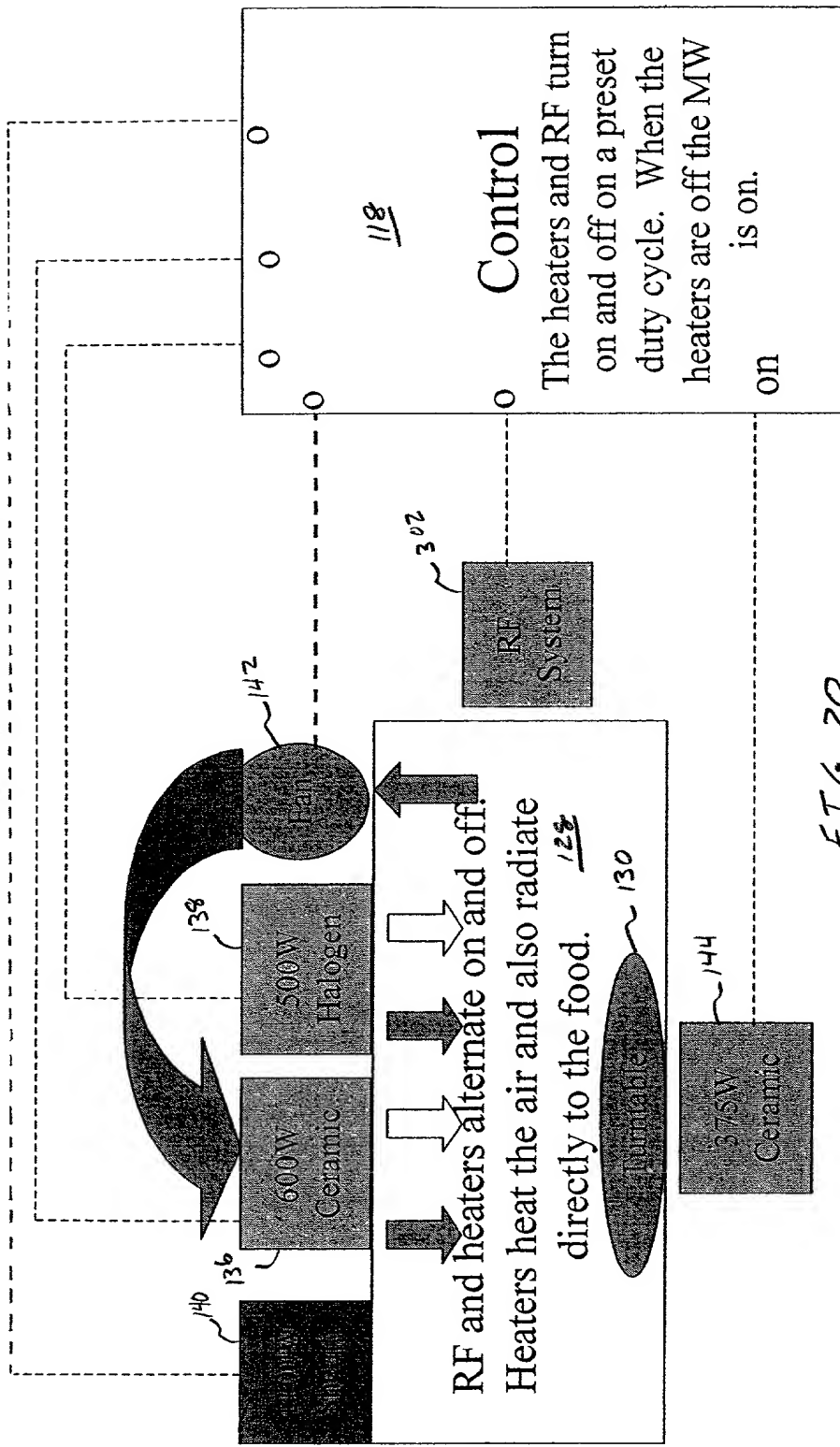


FIG. 20

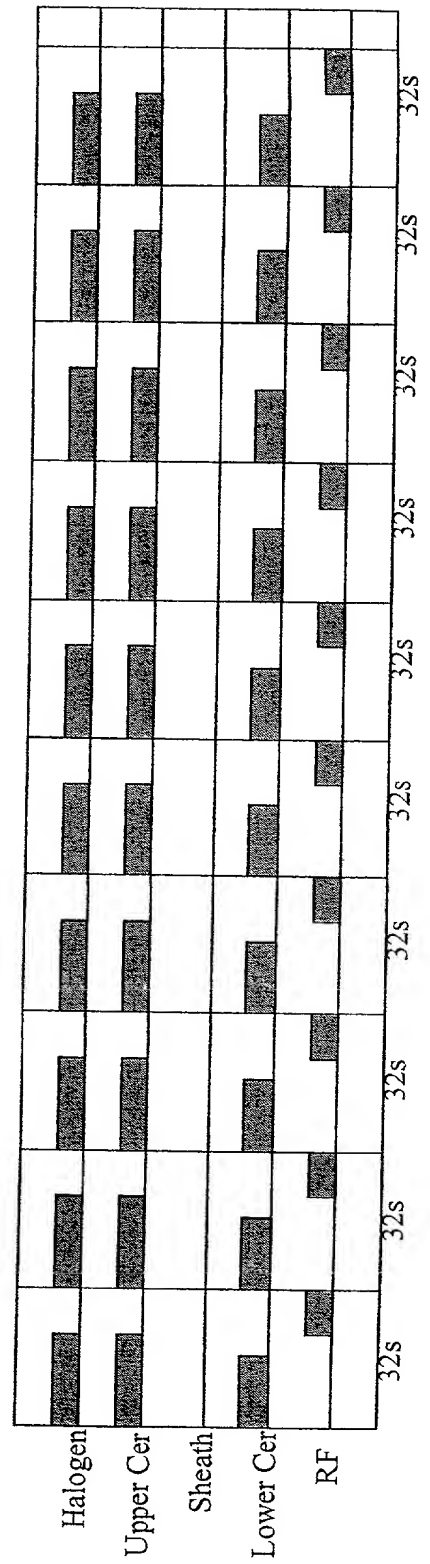


FIG. 21

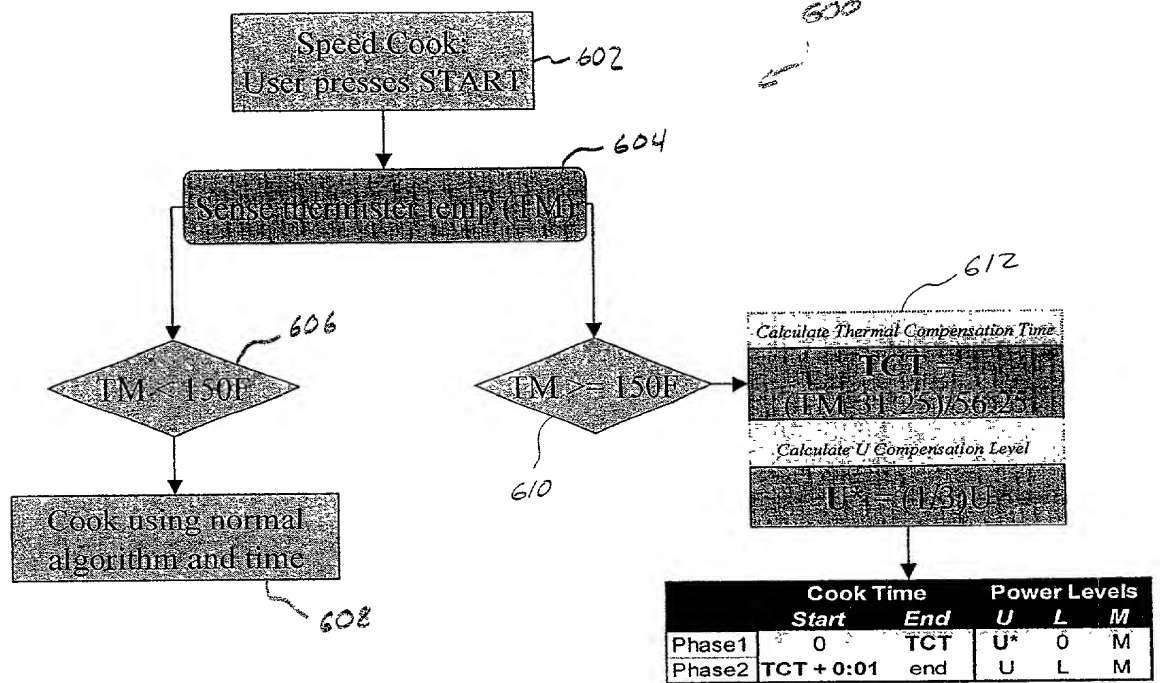


FIG. 22

TCT			
TM (initial cavity T)	Min	Sec	
150	2	7	
175	2	33	
200	3	0	
225	3	27	
250	3	53	
275	4	20	
300	4	47	
325	5	13	
350	5	40	
375	6	7	
400	6	33	
425	7	0	
450	7	27	

FIG. 23

PHASE1 (Compensated) Algorithms

USER INPUT		OUTPUT		
U	L	U*	L	MW
H	H	11	0	0
	L	11	0	0
MH	H	11	0	0
	L	11	0	0
M	H	9	0	4
	L	9	0	4
ML	H	9	0	6
	L	7	0	10
L	H	6	0	14
	L	3	0	22

FIG. 24

PHASE2 (Normal) Algorithms

USER INPUT		OUTPUT		
U	L	U	L	MW
H	H	32	32	0
	L	32	25	0
MH	H	32	22	0
	L	32	20	0
M	H	28	28	4
	L	28	20	4
ML	H	26	22	6
	L	22	22	10
L	H	18	18	14
	L	10	10	22

FIG. 25

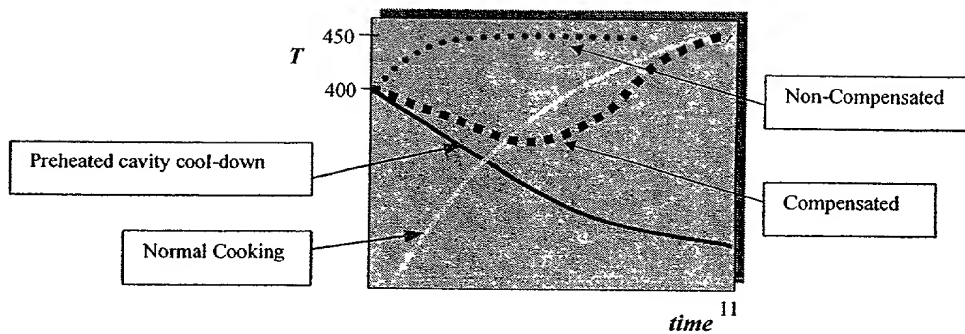


FIG. 26

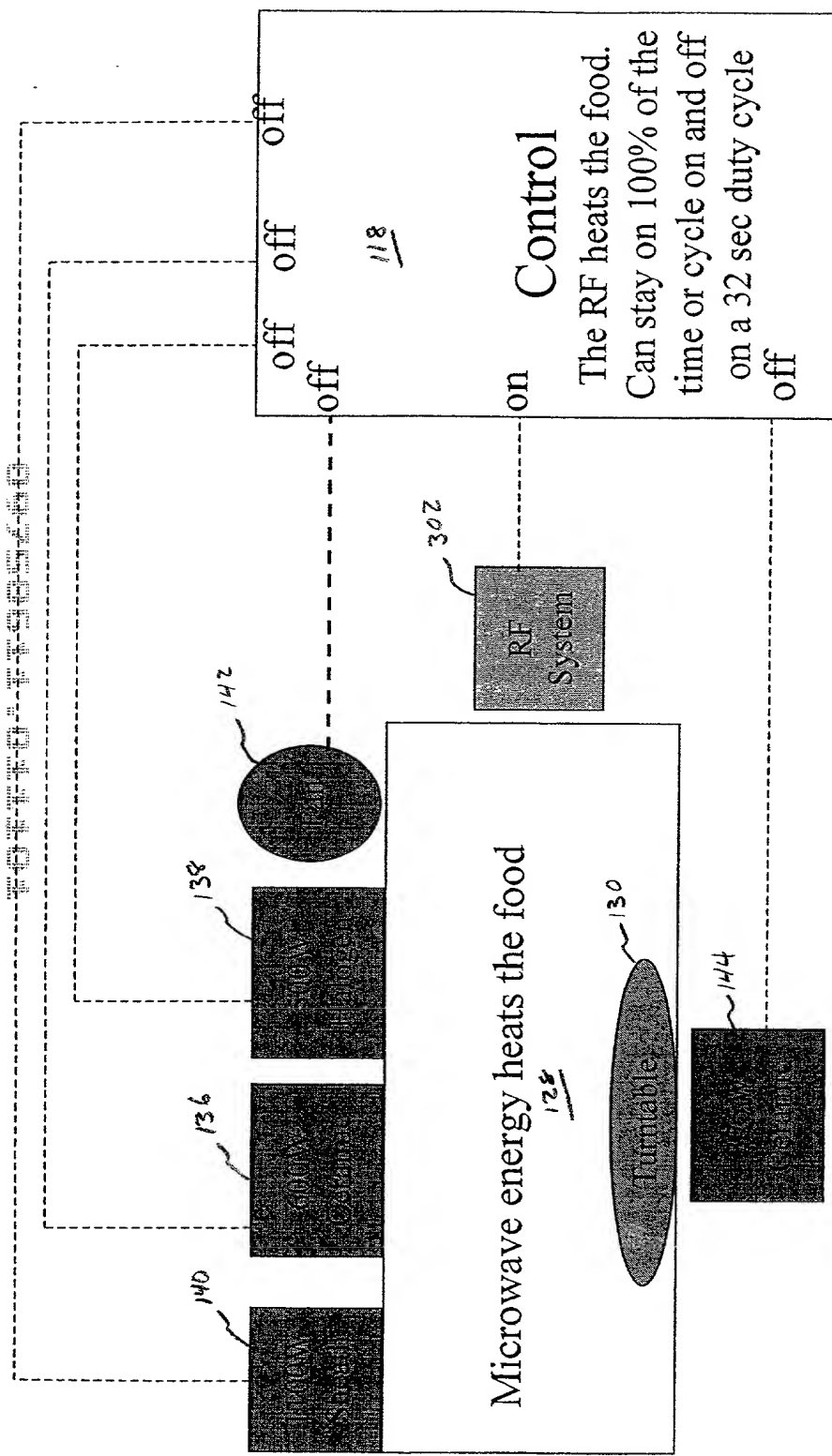


Fig. 27

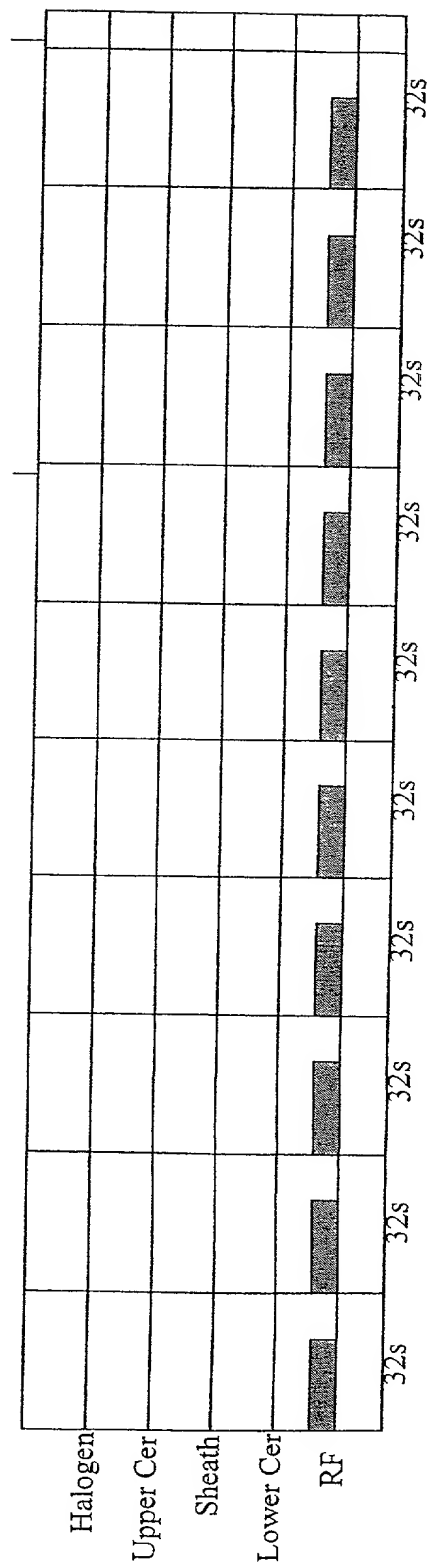


FIG. 28

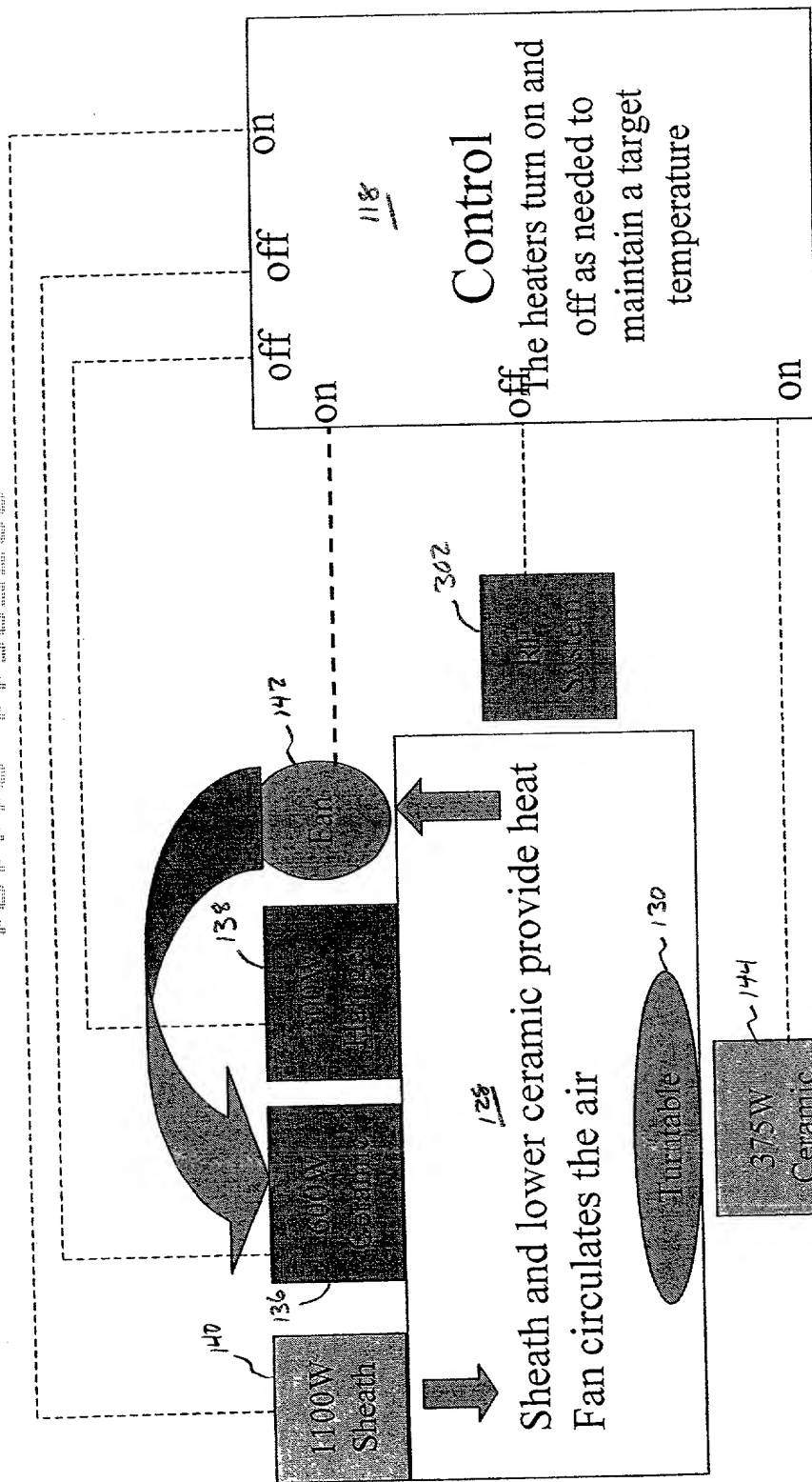


FIG. 29

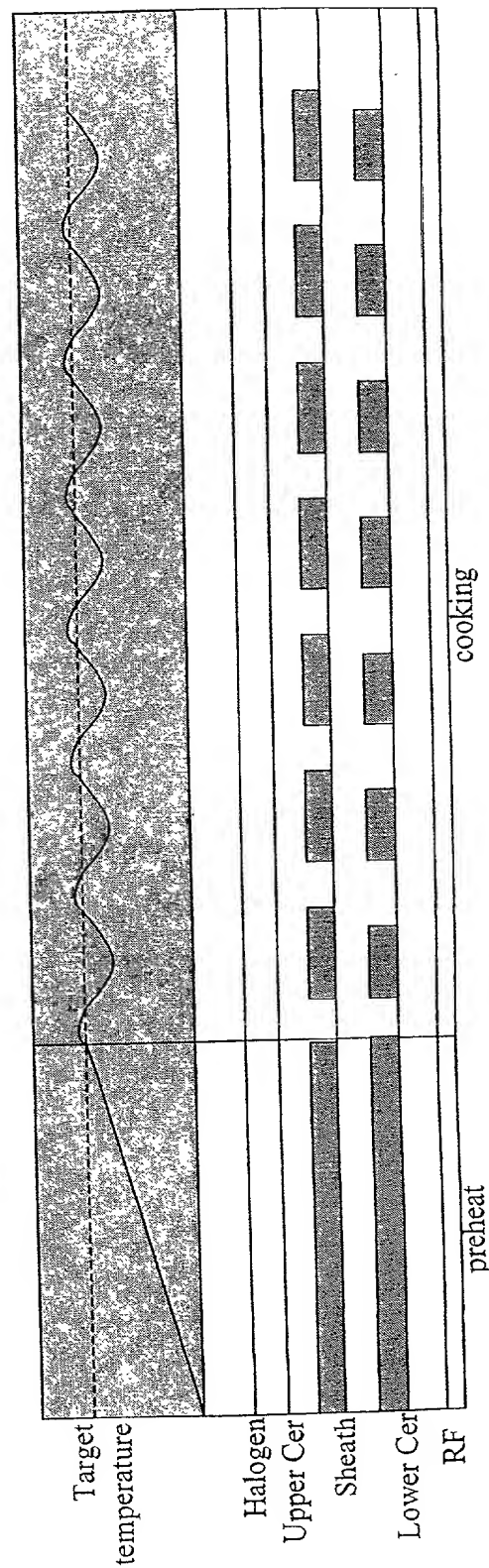


FIG. 30